

## ABSTRACT OF THE DISCLOSURE

One or more methods and systems of detecting or identifying one or more types of algorithms used in the encoding of a voice or speech waveform is presented. The system and method may be used as a testing tool to identify whether a voice data stream is encoded using a linear G.711,  $\mu$ -law G.711, or A-law G.711 algorithm. The system and method are applied to a voice data stream to ensure that a codec with the appropriate algorithm is used to reproduce an audio waveform.